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GW

#2

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RAW SEQUENCE LISTING DATE: 01/03/2002
PATENT APPLICATION: US/10/016,985 TIME: 14:53:27

Input Set : A:\LEX-0273-USA SEQLIST.txt
Output Set: N:\CRF3\01032002\J016985.raw

ENTERED

<110> APPLICANT: Walke, D. Wade
Maricar, Miranda
Yu, Xuanchuan (Sean)
Friddle, Carl Johan
<120> TITLE OF INVENTION: Novel Human Kinase and Polynucleotides Encoding the Same
<130> FILE REFERENCE: LEX-0273-USA
OK <140> CURRENT APPLICATION NUMBER: US/10/016,985
OK <141> CURRENT FILING DATE: 2001-12-07
<150> PRIOR APPLICATION NUMBER: US 60/251,941
<151> PRIOR FILING DATE: 2000-12-07
<160> NUMBER OF SEQ ID NOS: 3
<170> SOFTWARE: FastSEQ for Windows Version 4.0
<210> SEQ ID NO: 1
<211> LENGTH: 1275
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 1

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ctccgcacac tggccgccag cgacgtcacc aagcactacg aactagtccg ggagctgggc 180
aaaggcacct atgggaaggt tgacctggtg gtctacaagg gcacaggcac aaaaatggca 240
ctgaagtttg tgaacaagag caaaaccaag ctgaagaact tcctacggga ggtgagcatc 300
accaacagcc tctcctccag ccccttcatc atcaaggtct ttgacgtggt ctttgagaca 360
gaggactgct acgtctttgc ccaggagtac gcacctgctg gggacctgtt tgacatcatc 420
cctccccagg tggggctccc tgaggacacg gtgaagcgct gtgtgcagca gctgggcctg 480
gcgctggact tcatgcacgg gcggcagctg gtgcaccgcg acatcaagcc cgagaacgtg 540
ctgctgttcg accgcgagtg ccgccgcgta aagctggccg acttcggcat gacgcgccgc 600
gtgggctgcc gcgtcaagcg cgtgagcggc accatccctt acacggcgcc tgaggtgtgc 660
caggcgggcc gcgccgacgg gctggcggtg gacacgggcg tggacgtgtg ggccttcggc 720
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gccttcttcg aggagttcgt gcgctggcag cggggccgcc tgccgggggt gccttcgcag 840
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gagcgccgcg gcccagccaa ggaggtgttc cgcttcctca agcacgagct cacgtccgag 960
ctgcgccgcc ggccctcgca ccgcgcgcgc aagccccccg gggaccgccc gcccgccgcc 1020
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agcggctccc ggcccgcgcc ccccgccgtc gggtcggtgc ccttgcccgt gccggtgccg 1140
gtgccagtgc ccgtgccggt gcctgtgccc gagcccggcc tagctcccca ggggcccccc 1200
ggccggaccg acggccgcgc ggacaagagc aaagggcagg tggtgctggc cacggccatc 1260
gagatctgcg tctga 1275

<210> SEQ ID NO: 2
<211> LENGTH: 424
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2

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1 5 10 15

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59 Cys Gly Pro Gly Thr Ala Pro Gly Pro Gly Ala Gly Val Pro Leu Leu
60             20                  25                  30
61 Thr Glu Asp Met Gln Ala Leu Thr Leu Arg Thr Leu Ala Ala Ser Asp
62         35                  40                  45
63 Val Thr Lys His Tyr Glu Leu Val Arg Glu Leu Gly Lys Gly Thr Tyr
64     50                  55                  60
65 Gly Lys Val Asp Leu Val Val Tyr Lys Gly Thr Gly Thr Lys Met Ala
66 65                  70                  75                  80
67 Leu Lys Phe Val Asn Lys Ser Lys Thr Lys Leu Lys Asn Phe Leu Arg
68                 85                  90                  95
69 Glu Val Ser Ile Thr Asn Ser Leu Ser Ser Ser Pro Phe Ile Ile Lys
70             100                 105                 110
71 Val Phe Asp Val Val Phe Glu Thr Glu Asp Cys Tyr Val Phe Ala Gln
72         115                 120                 125
73 Glu Tyr Ala Pro Ala Gly Asp Leu Phe Asp Ile Ile Pro Pro Gln Val
74     130                 135                 140
75 Gly Leu Pro Glu Asp Thr Val Lys Arg Cys Val Gln Gln Leu Gly Leu
76 145                 150                 155                 160
77 Ala Leu Asp Phe Met His Gly Arg Gln Leu Val His Arg Asp Ile Lys
78                 165                 170                 175
79 Pro Glu Asn Val Leu Leu Phe Asp Arg Glu Cys Arg Arg Val Lys Leu
80             180                 185                 190
81 Ala Asp Phe Gly Met Thr Arg Arg Val Gly Cys Arg Val Lys Arg Val
82         195                 200                 205
83 Ser Gly Thr Ile Pro Tyr Thr Ala Pro Glu Val Cys Gln Ala Gly Arg
84     210                 215                 220
85 Ala Asp Gly Leu Ala Val Asp Thr Gly Val Asp Val Trp Ala Phe Gly
86 225                 230                 235                 240
87 Val Leu Ile Phe Cys Val Leu Thr Gly Asn Phe Pro Trp Glu Ala Ala
88                 245                 250                 255
89 Ser Gly Ala Asp Ala Phe Phe Glu Glu Phe Val Arg Trp Gln Arg Gly
90             260                 265                 270
91 Arg Leu Pro Gly Leu Pro Ser Gln Trp Arg Arg Phe Thr Glu Pro Ala
92         275                 280                 285
93 Leu Arg Met Phe Gln Arg Leu Leu Ala Leu Glu Pro Glu Arg Arg Gly
94     290                 295                 300
95 Pro Ala Lys Glu Val Phe Arg Phe Leu Lys His Glu Leu Thr Ser Glu
96 305                 310                 315                 320
97 Leu Arg Arg Arg Pro Ser His Arg Ala Arg Lys Pro Pro Gly Asp Arg
98                 325                 330                 335
99 Pro Pro Ala Ala Gly Pro Leu Arg Leu Glu Ala Pro Gly Pro Leu Lys
100             340                 345                 350
101 Arg Thr Val Leu Thr Glu Ser Gly Ser Gly Ser Arg Pro Ala Pro Pro
102         355                 360                 365
103 Ala Val Gly Ser Val Pro Leu Pro Val Pro Val Pro Val Pro Val Pro
104     370                 375                 380
105 Val Pro Val Pro Val Pro Glu Pro Gly Leu Ala Pro Gln Gly Pro Pro
106 385                 390                 395                 400
107 Gly Arg Thr Asp Gly Arg Ala Asp Lys Ser Lys Gly Gln Val Val Leu
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109 Ala Thr Ala Ile Glu Ile Cys Val
110             420
112 <210> SEQ ID NO: 3
113 <211> LENGTH: 1473
114 <212> TYPE: DNA
115 <213> ORGANISM: Homo sapiens
117 <400> SEQUENCE: 3
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119 cgacggcgcc caggccccct gccgcggggt ccccgcggcc ccagcccagg gagaagatga     120
120 gcgtgggctg cccagagcct gagccgcccc gctccctgac ctgctgtggg ccggggactg     180
121 cccctgggcc tggtgccggt gtgccccttc tcactgaaga catgcaggcc ctgactctcc     240
122 gcacactggc cgccagcgac gtcaccaagc actacgaact agtccgggag ctgggcaaag     300
123 gcacctatgg gaaggttgac ctggtggtct acaagggcac aggcacaaaa atggcactga     360
124 agtttgtgaa caagagcaaa accaagctga agaacttcct acgggaggtg agcatcacca     420
125 acagcctctc ctccagcccc ttcatcatca aggtctttga cgtggtcttt gagacagagg     480
126 actgctacgt ctttgcccag gagtacgcac ctgctgggga cctgtttgac atcatccctc     540
127 cccaggtggg gctccctgag gacacggtga agcgctgtgt gcagcagctg ggcctggcgc     600
128 tggacttcat gcacgggcgg cagctggtgc accgcgacat caagcccgag aacgtgctgc     660
129 tgttcgaccg cgagtgccgc cgcgtaaagc tggccgactt cggcatgacg cgccgcgtgg     720
130 gctgccgcgt caagcgcgtg agcggcacca tcccttacac ggcgcctgag gtgtgccagg     780
131 cgggccgcgc cgacgggctg gcggtggaca cgggcgtgga cgtgtgggcc ttcggcgtgc     840
132 tcatcttctg cgtgctcacc ggcaacttcc cgtgggaggc ggcgtcgggc gccgacgcct     900
133 tcttcgagga gttcgtgcgc tggcagcggg gccgcctgcc ggggctgcct tcgcagtggc     960
134 gccgcttcac cgagcccgcg ctgcgcatgt tccagcgctt actggccctg gagcccgagc    1020
135 gccgcggccc agccaaggag gtgttccgct tcctcaagca cgagctcacg tccgagctgc    1080
136 gccgccggcc ctcgcaccgc gcgcgcaagc cccccgggga ccgcccgccc gccgccgggc    1140
137 cactgcgcct cgaggcgcct gggccgctca agcggacggt gctgaccgag agcggcagcg    1200
138 gctcccggcc cgcgcccccc gccgtcgggt cggtgccctt gcccgtgccg gtgccggtgc    1260
139 cagtgcccgt gccggtgcct gtgcccgagc ccggcctagc tccccagggg ccccccggcc    1320
140 ggaccgacgg ccgcgcggac aagagcaaag ggcaggtggt gctggccacg gccatcgaga    1380
141 tctgcgtctg agtcgcctcc gccgccctcg gacccgggag cagcccgggc ccgccccgag    1440
142 ccggtgcccg gtgcggcggt agggaatgga gcc                                 1473
```

VERIFICATION SUMMARY DATE: 01/03/2002
PATENT APPLICATION: **US/10/016,985** TIME: 14:53:28

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Output Set: **N:\CRF3\01032002\J016985.raw**

L:15 M:270 C: Current Application Number differs, Replaced Current Application No
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date